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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02G15/013 H02G H02G15/113 H02G15/007 G02B6/44 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H02G G02B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant passages Category ° Relevant to claim No. X US 4 902 855 A (SMITH RUSSELL P) 20 February 1990 (1990-02-20) 1-6, 8-11, 13-19, 23,26-29 abstract column 3, line 40 - column 6, line 13; figures 1-14 EP 0 942 303 A (JAPAN RECOM LIMITED) 15 September 1999 (1999-09-15) 1-6. 8-17, 19-27,29 the whole document X US 5 835 658 A (SMITH DONALD J) 10 November 1998 (1998-11-10) 1-9, 20 - 27, 29column 4, line 65 - column 6, line 11; figures 1,2 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the *E* earlier document but published on or after the International invention filing date "X" document of particular relevance; the claimed invention "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone citation or other special reason (as specified) document of particular relevance; the claimed invention "O" document referring to an oral disclosure, use, exhibition or cannot be considered to involve an inventive step when the document is combined with one or more other such docuother means ments, such combination being obvious to a person skilled "P" document published prior to the international filing date but In the art. later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 8 September 2004 16/09/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016 Lommel, A

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